

ABSTRACT OF THE DISCLOSURE

The invention relates to a method of automatically calibrating a loop-filter of a phase locked loop, which

5 loop-filter comprises at least one RC-filter component and is integrated on a single chip together with at least one RC-filter component of another entity than the phase locked loop. In order to simplify a calibration of the loop-filter, the method comprises tuning the at least one

10 RC-filter component of the loop-filter based on measurements performed on the at least one RC-filter component of the other entity. The invention relates equally to an integrated circuit chip comprising means for realizing this method and to a unit including such a

15 chip.